

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|---|------------------|---------|------------------|
| S1    | 2      | "6879321"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/16 16:20 |
| S2    | 107552 | (pll or dll or dpll or phase adj1 lock\$3<br>adj1 loop\$1 or delay\$3 adj2 lock\$3<br>adj1 loop\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/17 14:55 |
| S3    | 989    | (edge\$1 near2 detect\$3 with phase<br>near2 compar\$6 or ris\$3 near1<br>edge\$1 with phase near2 difference\$6<br>or lead\$1 near2 edge\$1 with phase<br>near2 compar\$6) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/17 14:55 |
| S4    | 0      | S1 same S2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/16 16:23 |
| S5    | 989    | (edge\$1 near2 detect\$3 with phase<br>near2 compar\$6 or ris\$3 near1<br>edge\$1 with phase near2 difference\$6<br>or lead\$1 near2 edge\$1 with phase<br>near2 compar\$6) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/16 16:23 |
| S6    | 890    | (edge\$1 near2 detect\$3 with phase<br>near2 compar\$6 or ris\$3 near1<br>edge\$1 with phase near2 compar\$6 or<br>lead\$1 near2 edge\$1 with phase<br>near2 compar\$6)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/16 16:26 |
| S7    | 0      | S1 same S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/16 16:24 |
| S8    | 107553 | S1 or S2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/05/16 16:26 |

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S9  | 59934  | (edge\$1 near2 detect\$3 or ris\$3 near2 edge\$1 or lead\$2 near\$2 edge\$1) with(delay\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/16 16:28 |
| S10 | 1830   | S8 same S9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/16 16:28 |
| S11 | 58698  | "375"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/16 16:29 |
| S12 | 1830   | S9 and S10  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/16 16:29 |
| S13 | 354    | S11 and S10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/16 16:29 |
| S14 | 107606 | (pll or dll or dp11 or phase adj1 lock\$3 adj1 loop\$1 or delay\$3 adj2 lock\$3 adj1 loop\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 08:23 |
| S15 | 892    | (edge\$1 near2 detect\$3 with phase near2 compar\$6 or ris\$3 near1 edge\$1 with phase near2 compar\$6 or lead\$1 near2 edge\$1 with phase near2 compar\$6) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 08:26 |
| S16 | 107833 | S14 or S15  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 08:26 |

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S17 | 16333  | (edge\$1 near2 detect\$3 or ris\$3 near2 edge\$1 or lead\$3 near2 edge\$1) with (delay\$3)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 08:27 |
| S18 | 3495   | S16 and S17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 08:27 |
| S19 | 58746  | "375"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 08:28 |
| S20 | 584    | S18 and S19  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 08:44 |
| S21 | 105544 | "327"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 08:44 |
| S22 | 1197   | S18 and S21  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 08:57 |
| S23 | 1      | (phase adj1 shift\$2 with delay near2 circuit\$1) same (digital near2 average with function\$1 near2 generator\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 09:00 |
| S24 | 1      | (phase adj1 shift\$2 with delay near2 circuit\$1) same (average with function\$1 near2 generator\$1)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 09:00 |

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S25 | 3      | (phase adj1 shift\$2 with delay near2 circuit\$1) same (average with function\$1 near2 generator\$1 or compar\$6 near2 delay\$2 with clock\$1 near2 signal\$1)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 09:06 |
| S26 | 494    | (phase adj1 shift\$2 or time or amplitude with delay near2 circuit\$1) same (average with function\$1 near2 generator\$1 or compar\$6 near2 delay\$2 with clock\$1 near2 signal\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 09:06 |
| S27 | 105544 | "327"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 09:07 |
| S28 | 187    | S26 and S27   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 09:07 |
| S29 | 2      | "6735148"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 11:03 |
| S30 | 2      | "6879321"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:51 |
| S31 | 0      | filter with average and "6539072"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:51 |
| S32 | 0      | (filter same average) and "6539072"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:51 |

|     |         |   |   |    |    |                  |
|-----|---------|---|---|----|----|------------------|
| S33 | 6       | filter and "6539072"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 13:52 |
| S34 | 107606  | (pll or dll or dpll or phase adj1 lock\$3<br>adj1 loop\$1 or delay\$3 adj2 lock\$3<br>adj1 loop\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:55 |
| S35 | 107606  | (pll or dll or dpll or phase adj1 lock\$3<br>adj1 loop\$1 or delay\$3 adj2 lock\$3<br>adj1 loop\$1)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:55 |
| S36 | 990     | (edge\$1 near2 detect\$3 with phase<br>near2 compar\$6 or ris\$3 near1<br>edge\$1 with phase near2 difference\$6<br>or lead\$1 near2 edge\$1 with phase<br>near2 compar\$6) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:56 |
| S37 | 107911  | S35 or S36  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:57 |
| S38 | 2       | filter same average near2 function\$1<br>adj2 generator\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:58 |
| S39 | 1513331 | filter or equiliz\$4 same average near2<br>function\$1 adj2 generator\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 15:53 |
| S40 | 41697   | S37 and S39   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 14:59 |

|     |        |                                       |   |    |    |                  |
|-----|--------|---------------------------------------|---|----|----|------------------|
| S41 | 9354   | "329"/\$.ccls.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 15:00 |
| S42 | 979    | S40 and S41                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 15:03 |
| S43 | 105544 | "327"/\$.ccls.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 15:03 |
| S44 | 4065   | S40 and S43                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 15:16 |
| S45 | 2      | "6856658"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 15:47 |
| S46 | 58746  | "375"/\$.ccls.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 15:48 |
| S47 | 6375   | S40 and S46                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 15:54 |
| S48 | 10     | average adj2 function near2 generator | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/17 15:49 |

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S49 | 113 | (Averag\$3 near3 compar\$5) same (pll\$1 or phase adj1 lock\$3 adj1 loop\$1 or phase near2 compar\$5)same(filter\$1 or FIR\$1 or IIR\$1)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/18 09:15 |
| S50 | 32  | (Averag\$3 near3 function) same (pll\$1 or phase adj1 lock\$3 adj1 loop\$1 or phase near2 compar\$5)same(filter\$1 or FIR\$1 or IIR\$1)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/18 13:06 |
| S51 | 0   | (Averag\$3 near3 function near2 clock adj3 signal\$1) same (pll\$1 or phase adj1 lock\$3 adj1 loop\$1 or phase near2 compar\$5)same(filter\$1 or FIR\$1 or IIR\$1) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/18 13:07 |
| S52 | 2   | (Averag\$3 near2 clock adj3 signal\$1) same (pll\$1 or phase adj1 lock\$3 adj1 loop\$1 or phase near2 compar\$5)same(filter\$1 or FIR\$1 or IIR\$1)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/18 13:09 |
| S53 | 370 | (Averag\$3 near2 signal\$1) same (pll\$1 or phase adj1 lock\$3 adj1 loop\$1 or phase near2 compar\$5)same(filter\$1 or FIR\$1 or IIR\$1)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/18 13:34 |
| S54 | 1   | phase near2 shift with delay and "6879321"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/05/18 13:36 |